Saturday, March 18, 2017
San Diego Convention Center
Room: 20C
7:25 am – 5:00 pm

American Shoulder and Elbow Surgeons
“To support the ethical practice of evidence-based, high quality, cost-effective, shoulder and elbow care”

General Information

Educational Objectives
- Review basic science and orthopaedic problems relative to the shoulder and elbow.
- Examine the indications, techniques and results of various surgical procedures.
- Describe the management of common orthopaedic problems relative to the shoulder and elbow.
- Permit expert panelists to put into perspective new technologies.

Questions
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Accreditation
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Orthopaedic Surgeons and the American Shoulder and Elbow Surgeons. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

Credit Hours
The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 7.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclaimer
The material presented at the 2017 Specialty Day Meeting has been made available by the American Shoulder and Elbow Surgeons for educational purposes only. This material is not intended to represent the only, nor necessarily best, method or procedure appropriate for the medical situations discussed, but rather is intended to present an approach, view, statement or opinion of the faculty, which may be helpful to others who face similar situations.

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Presenters are listed in bold.

April D. Armstrong, MD, FRCSC, Program Co-Chair
George S. Athwal, MD, FRCSC, Program Co-Chair

Preliminary Program – Faculty and Presentations are subject to change.

7:25 am Welcome and Opening Remarks
Jesse B. Jupiter, MD, President

7:30 am – 8:00 am Session I: Shoulder Arthroplasty I

Moderators: Kenneth J. Faber, MD, FRCSC, MEd, and Thomas (Quin) Throckmorton, MD

Paper #1
7:30 am – 7:35 am Subscapularis Sparing Total Shoulder Arthroplasty: A Prospective, Double Blinded, Randomized Clinical Trial
Young W. Kwon, MD, PhD, Joseph D. Zuckerman, MD

Paper #2
7:35 am – 7:40 am Finite Element Analysis of Glenoid-Sided Lateralization in Reverse Shoulder Arthroplasty
Patrick J. Denard, MD, Evan S. Lederman, MD, Bradford O. Parsons, MD, Anthony A. Romeo, MD

Paper #3
7:40 am – 7:45 am Wear Rates of 32mm and 40mm Glenospheres in a Reverse Total Shoulder Arthroplasty in Vitro Wear Simulation Model
John R. Haggart, MD, Michael D. Newton, MS, Anthony Ho, MD, Samantha Hartner, BS, Kevin C. Baker, PhD, Michael Kurdziel, MS, J. Michael Wiater, MD

Paper #4
7:45 am – 7:50 am Posterior Augmented Glenoid Compared to Non-Augmented Glenoids for Treatment of Osteoarthritis
Thomas W. Wright, MD, Christopher Roche, MS, MBA, Sean G. Grey, MD, Pierre-Henri Flurin, MD, Joseph D. Zuckerman, MD

8:00 am – 8:30 am Session II: Shoulder Arthroplasty II

Moderators: Anand M. Murthi, MD, and John W. Sperling, MD, MBA

Paper #5
8:00 am – 8:05 am Three-Dimensional Preoperative Planning and Patients Specific Instrumentation Improve Glenoid Component Positioning
Joseph P. Iannotti, MD, PhD, Kyle Walker, MD, Eric Rodriguez, BS, Thomas E. Patterson, PhD, Bong Jae Jun, PhD, Eric T. Ricchetti, MD

Paper #6
8:05 am – 8:10 am Liposomal Bupivacaine vs. Interscalene Nerve Block for Pain Control after Shoulder Arthroplasty: A Prospective Randomized Trial
Kelechi R. Okoroba, MD, Jonathan R. Lynch, MD, Robert A. Keller, MD, John Korona, BS, Chad Amato, BA, Brian K. Rill, MD, Patricia A. Kolowich, MD, Stephanie J. Mub, MD
Single Shot vs. Continuous Interscalene Block for Postoperative Pain Control following Primary Shoulder Arthroplasty: A Prospective Randomized Clinical Trial
Samer S. Hasan, MD, PhD, Robert H. Rolf, MD, Chris Scheuerman, BSN, RN, Kathryn Eten, BSN, RN, Thomas R. Elsass, MD

8:15 am – 8:20 am
Stage 1 Shoulder Arthroplasty: Risk Factors for Repeat Stage 1, Spacer Retention and Mortality
Jourdan M. Cancienne, MD, Stephen F. Brockmeier, MD, Brian C. Werner, MD

8:20 am – 8:30 am
Discussion

8:30 am – 9:10 am
Symposium I: Arthroplasty Symposium

Moderators: Evan L. Flatow, MD, and Steven J. Klepps, MD

8:30 am – 8:40 am
Approach to the Anatomic TSA: The Pros and Cons of the Peel, Tenotomy, LTO
Peter Lapner, MD

8:40 am – 8:50 am
Stemless: What Do I Need to Know?
Ryan T. Bicknell, MD, MSc, FRCSC

8:50 am – 9:00 am
The ABCs of Preoperative planning for TSA
Robert Z. Tashjian, MD

9:00 am – 9:10 am
Discussion

9:10 am – 9:40 am
Session III: Rotator Cuff

Moderators: Jonathan C. Levy, MD, and Felix H. Savoie, III, MD

9:10 am – 9:15 am
Effects of Autologous Tenocyte-Seeded Nanofibrous Scaffolds in Rotator Cuff Repair Are Age-Dependent
Julianne Huegel, PhD, Dong Hwa Kim, James M. Cirone, BS, Adam M. Pardes, BS, Tyler R. Morris, MD, Courtney A. Nuss, Robert L. Mauck, PhD, Louis J. Soslowsky, PhD, Andrew F. Kuntz, MD

9:15 am – 9:20 am
Teres Minor Hypertrophy Is a Common and Negative Predictor of Outcomes after Rotator Cuff Repair
Charles A. Thigpen, PhD, PT, ATC, Michael J. Kissenerth, MD, Quinn Hunt, Stefan J. Tolan, MD, Steven D. Swinehart, MD, Christina S. Gutta, BS, MD, Troy A. Roberson, MD, Richard J. Hawkins, MD, John M. Tokish, MD

9:20 am – 9:25 am
A Prospective Evaluation of Predictors of Pain after Arthroscopic Rotator Cuff Repair: Psychosocial Factors Have a Stronger Association than Structural Factors
Amy L. Ravindra, MD, Grant L. Jones, MD, Julie Y. Bishop, MD

9:25 am – 9:30 am
Stiffness/Capsulitis and Rotator Cuff Repair – Friend or Foe?
Prof. George A.C. Murrell, MD, Elizabeth R.X. Tham, William J. McNamara, Jordan McGrath, Daniel Y.T. Yeo, Lisa Hackett, Patrick H. Lam, PhD

9:30 am – 9:40 am
Discussion

9:40 am – 9:55 am
Break

9:55 am – 10:15 am
How-To Videos: Management of Glenoid Bone Loss in RTSA

Moderators: Mark A. Frankle, MD, and Russell F. Warren, MD

10:00 am – 10:05 am
With Humeral Bone
Gregory P. Nicholson, MD

10:05 am – 10:10 am
With Metal
Howard D. Routman, DO

10:10 am – 10:15 am
Discussion

10:15 am – 10:40 am
Session IV: Elbow

Moderator: Graham J.W. King, MD, FRCSC, and Leesa M. Galatz, MD

10:15 am – 10:20 am
Surgical Treatment of Lateral Epicondylitis: A Prospective, Randomized, Double Blinded, Placebo Controlled Clinical Trial
Martin Kroslik, MBBS, MS, Prof. George A.C. Murrell, MD

10:20 am – 10:25 am
The Distal Biceps Deficient Arm, “The Short Arc Syndrome”
Christopher C. Schmidt, MD, Brandon T. Brown, MS, Daniel L. Schmidt, Michael P. Smolinski, BS, Tyler J. Madonna, BS, Zubair Sarmast, MD, Kenneth J. Faber, MD, FRCSC, MEd, Patrick J. Smolinski, PhD, Mark C. Miller, PhD

10:25 am – 10:30 am
Analysis of 800 Surgically Treated Distal Biceps Tendon Ruptures
Taylor R. Dunphy, MD, Justin Hudson, MD, Michael Batech, PhD, Daniel C. Acevedo, MD, Raffy Mirzayan, MD

10:30 am – 10:40 am
Discussion

10:40 am – 10:55 am
How-To Videos: Elbow

Moderators: Joseph A. Abboud, MD, and Bernard F. Morrey, MD

10:40 am – 10:45 am
Distal Triceps
Jay D. Keener, MD

10:45 am – 10:50 am
Lateral Collateral Ligament Reconstruction
Shawn W. O’Driscoll, PhD, MD
10:50 am – 10:55 am Discussion

10:55 am – 11:00 am **Session V: Shoulder Instability**

**Moderators:** Asheesh Bedi, MD, and Jonathan P. Braman, MD

**Paper #16**

10:55 am – 11:00 am A Prospective Comparative Study of Arthroscopic vs. Open Latarjet in the Treatment of Anterior Shoulder Instability with Marked Glenoid Bone Loss

_Yiming Zhu, MD, Chunyan Jiang, MD_

**Paper #17**

11:00 am – 11:05 am Suture Button Fixation is an Alternative to Screw Fixation for Latarjet Procedure

_Pascal Boileau, MD, Patrick Gendre, MD, Thomas d’Ollonne, MD, Olivier Gastaud, MD, Jean-François Gonzalez, MD, PhD, Brian L. Seeto, MD_

11:00 am – 11:05 am **Paper #17**

11:10 am – 11:20 am Discussion

11:20 am – 11:35 am **How-To Videos: Instability**

**Moderators:** Laurent Lafosse, MD, and Bradford O. Parsons, MD

11:20 am – 11:25 am Tips and Pearls of Anterior Labral Repair

_Jeffrey S. Abrams, MD_

11:25 am – 11:30 am Tips and Pearls of Posterior Labral Repair

_Larry D. Field, MD_

11:30 am – 11:35 am Discussion

11:35 am – 11:45 am NEER AWARD PRESENTATION

_Jesse B. Jupiter, MD, President_

11:45 am – 12:00 pm Lunch

12:00 pm – 12:30 pm **Symposium II: Management of the Massive Irreparable Cuff Tear in the Younger Patient in 5 Minutes or Less: Defend Your Operation!**

**Moderators:** William N. Levine, MD, and Gilles Walch, MD

12:10 pm – 12:15 pm Debridement and Biceps

_Paul M. Sethi, MD_

12:15 pm – 12:20 pm Partial Repair

_Mark D. Lazarus, MD_

12:20 pm – 12:25 pm SCR (Superior Capsular Reconstruction)

_Anthony A. Romeo, MD_

12:25 pm – 12:30 pm Graft Augmentation

_Joseph P. Iannotti, MD, PhD_

12:30 pm – 12:35 pm Subacromial Balloon

_John M. Tokish, MD_

1:05 pm – 1:10 pm Latissimus Dorsi Transfer

_Chris Gerber, MD_

1:10 pm – 1:15 pm Trapezius Tendon Transfers

_Bassem T. Elbassan, MD_

1:15 pm – 1:30 pm Discussion

1:30 pm – 1:55 pm **Session VI: Infection**

**Moderators:** Derek J. Cuff, MD, and G. Russell Huffman, MD, MPH

**Paper #19**

1:30 pm – 1:35 pm The Cytotoxicity Profile of Vancomycin Hydrochloride on Proliferating Osteoblasts, Fibroblasts, and Myoblasts

_James X. Liu, MD, John Buza, MD, Thorsten Kirsch, PhD, Oran D. Kennedy, PhD, Andrew S. Rokito, MD, Joseph D. Zuckerman, MD, Mandeep Virk, MD_

1:35 pm – 1:40 pm A Rapid Detection Method for Propionibacterium acnes from Surgical Biopsies of the Shoulder

_Scott Holmes, MSc, Ana Pena Diaz, MSc, George S. Athwal, MD, FRSC, Kenneth J. Faber, MD, FRSC, MD, Edward David B. O’Gorman, MSc, PhD_

1:40 pm – 1:45 pm Hemolysis Is a Diagnostic Adjuvant for Propionibacterium acnes Orthopaedic Shoulder Infection

_Kathleen Boyle, MD, Scott Nodzo, MD, Travis Wright, BA, John K. Crane, MD, PhD, Thomas R. Duquin, MD_

1:45 pm – 1:55 pm Discussion

1:55 pm – 2:30 pm **Session VII: Shoulder and Elbow Trauma**

**Moderators:** Joshua S. Dines, MD, and T. Bradley Edwards, MD

**Paper #22**

1:55 pm – 2:00 pm Are Outcomes of Uncemented Reverse Shoulder Arthroplasty for Acute Proximal Humerus Fractures Equivalent to Cemented Stems?

_Bradley S. Schoch, MD, William R. Aibinder, MD, Jordan Walters, MD, John W. Sperling, MD, MBA, Thomas (Quin) Throckmorton, MD, Joaquin Sanchez-Sotelo, MD, PhD, Thomas R. Duquin, MD_

1:55 pm – 2:00 pm **Paper #22**

2:00 pm – 2:05 pm Early vs. Late Reverse Shoulder Arthroplasty for Proximal Humerus Fractures: Does It Matter?

_Adam J. Seidl, MD, Daniel Sholder, BS, William Warrender, MD, Michael G. Livesey, BS, Gerald R. Williams, Jr., MD, Joseph A. Abboud, MD, Surena Namdari, MD, MSc_

2:00 pm – 2:05 pm **Paper #23**
Paper #24
2:05 pm – 2:10 pm  Role of the Lateral Collateral Ligament in Posteromedial Rotatory Instability of the Elbow
Enrico Bellato, MD, Youngbok Kim, MD, Lawrence J. Berglund, BS, Alexander W. Hooke, MA, James S. Fitzsimmons, BSc, Shawn W. O’Driscoll, PhD, MD

Paper #25
2:10 pm – 2:15 pm  Simple Decompression vs. Anterior Transposition of the Ulnar Nerve for Distal Humerus Fractures Treated with Plate Fixation: A Multi Centre Randomised Controlled Trial
Emil H. Schemitsch, MD, Michael D. Mckee, MD, Niloofar Dehghan, MD, Jeremy Hall, MD, FRCS (Ortho), MEd, Robert G. McCormack, MD, Steven R. Papp, MD, Brad Petrisor, MD, Diane Nam, MD, Elliott Pally, MD, J. Andrew I. Trenholm, MD, FRCS, Ted Tufescu, FRCS, MD, Milena Vicente, RN, Aaron Nauth, MD

Paper #26
2:15 pm – 2:20 pm  The Effect of Associated Fractures/Dislocations on Outcomes of Unreconstructable Radial Head Fractures Managed with Radial Head Arthroplasty: A Cohort Comparison
Jason Strelzow, MD, FRCSC, Joy MacDermid, PT, PhD, Kenneth J. Faber, MD, FRCS, MEd, Darren S. Drosdowech, MD, FRCS, Ruby Grewal, MD, FRCS, George S. Athwal, MD, FRCS, Graham J.W. King, MD, FRCSC

2:20 pm – 2:30 pm  Discussion

3:00 pm – 5:00 pm  Orthopaedic Trauma Association and Association of Shoulder and Elbow Surgeons Combined Session

Saturday, March 18, 2017
San Diego Convention Center Room: 20C
3:00 pm – 5:00 pm  The Use of Evidence-Based Medicine for Proximal Humeral Fractures and Their Complications
Moderators: Mohit Bhandari, MD, FRCSC, PhD (OTA) and Jon J.P. Warner, MD (ASES)
3:00 pm – 3:10 pm  Locking Plate Fixation: Can We Do Better?
Emil H. Schenitsch, MD (OTA)
3:10 pm – 3:20 pm  Displaced Proximal Humeral Fracture in > 70 Year Old
Brett D. Crist, MD (OTA)
3:20 pm – 3:30 pm  How to Decide Between Hemi vs. RSA
Pascal Boileau, MD (ASES)
3:30 pm – 3:40 pm  Greater Tuberosity Fractures, Dew Indications?
Dominique Rouleau, MD (ASES)
3:40 pm – 3:50 pm  Discussion
3:50 pm – 4:20 pm  Complex Fractures of the Upper Extremity: How I Fix Them
Moderators: Kyle J. Jeray, MD (OTA) and Matthew L. Ramsey, MD (ASES)
3:50 pm – 3:55 pm  Anteromedial Coronoid (Video)
David C. Ring, MD (OTA)
3:55 pm – 4:00 pm  Anterior Glenoid Rim (Open and Arthroscopic) (Video)
Scott P. Steinmann, MD (ASES)
4:00 pm – 4:05 pm  Monteggia Injuries: A Step-by-Step Approach (Video)
Charles L. Getz, MD (ASES)
4:05 pm – 4:10 pm  Acute AC Joint Injuries (Video)
John E. (Jed) Kuhn, MD (ASES)
4:10 pm – 4:20 pm  Discussion

4:20 pm – 5:00 pm  Controversial Upper Extremity Fractures: To Fix or Not?
Moderators: Gregory J. Della Rocca, MD, PhD, FACS (OTA) and David C. Ring, MD, PhD (ASES)
4:20 pm – 4:30 pm  What I Have Learned the Most about Treating Patients with Clavicle Fractures
Michael D. McKee, MD (OTA)
4:30 pm – 4:40 pm  What I Have Learned the Most about Treating Patients with Humeral Shaft Fractures
John T. Gorczyca, MD (OTA)
4:40 pm – 4:50 pm  What I Have Learned the Most about Treating Patients with Distal Humerus Fractures
Graham J.W. King, MD, FRCSC (ASES)
4:50 pm – 5:00 pm  Discussion

5:00 pm  Adjourn